

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

FINAL

Conditional Major, Operating

Permit: F-06-065

Green Tokai Company, LTD

Maysville, Kentucky 41056

January 3, 2007

Il-Won Shin, Reviewer

SOURCE ID:	21-161-00035
SOURCE A.I. #:	39209
ACTIVITY ID:	APE20060002

SOURCE DESCRIPTION:

Green Tokai Company (GTC) manufactures a variety of plastic and rubber automotive products for use in interior and exterior sealing and trim applications. These parts are produced primarily on one of six plastic extrusion lines operated at GTC's Mayville, Kentucky facility. For any of the six lines, the process begins by applying an adhesive coating to a continuously moving metallic strip or wire. Polyvinyl chloride (PVC) or thermoplastic olefin (TPO) resin is then extruded over top of the metal core. The extruded plastic strip is then coated with an adhesive and sent through and electrostatic booth where a granulated nylon flocking material is applied. The continuous strip is then cut to length and cured in an electric drying oven. The only exception to this sequence is that Extrusion Line #5 does not utilize the flocking station.

The raw extrusions are then finished into the final part through processing in one or more of many secondary and finishing work cells. These finish cells perform such operations as installation of mounting hardware, molding of end caps and bending to shape. Small quantities of solvent cleaners, primers and adhesives may be used in these finish cells.

The following air contaminate sources and equipment are currently located within the facility and are described in the 2002 Title V permit (V-01-013): Five Existing Extrusion Lines 01 through 05. Permit revision V-01-013 R1 was issued on January 6, 2006 authorizing the addition of Extrusion Line #6 as Emission Unit 07. The finishing lines (Emission Unit 06) are insignificant activities.

GTC has been working diligently over the past 18 months to identify a strategy for reducing hazardous air pollutant (HAP) emissions so as to become a Conditional Major source and avoid the upcoming MACT requirements. GTC has identified suppliers of water-based or low-HAP formulations of flocking adhesive and will be finalizing the customer approval process over the next few months. Division for Air Quality (DAQ) received the application for the initial Conditional Major permit on September 28, 2006 and the application is considered to satisfy GTC's five-year renewal requirement.

PUBLIC, EPA, AND AFFECTED STATE REVIEW:

On November 22, 2006, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Ledger Independent* in Maysville, Kentucky. In addition, notification of the issuance of the draft permit was sent to the U.S. EPA and affected states, Ohio and West Virginia on November 14, 2006 via e-mail. The public comment period expired 30 days from the date of publication. No comments were received during this period. The permit is now being issued final.